



## Specifications

MODEL	YA-CP102 (2, 4, 6, 8 Zone Detector)
BATTERY BACKUP	24VDC 1.3AH
POWER SPECIFICATION	
MAINS SUPPLY VOLTAGE	230V $\pm$ 15 % V.a.c.50 / 60Hz
INTERNAL POWER SUPPLY	24-27 VDC
TOTAL OUTPUT CURRENT LIMITED TO	4000mA at 240 VAC
AUXILIARY POWER OUTPUT	24-27 VDC
MAINS SUPPLY MONITORED FOR FAILURE	YES
BATTERY CHARGER MONITORED FOR FAAILURE	YES
BATTERIES MONITORED FOR DISCONNECTION AND FAILURE	YES
DETECTOR CIRCUIT SPECIFICATION	
NUMBER OF CIRCUITS	2, 4, 6, 8
LINE FAULT MONITORED FOR OPEN CIRCUIT	YES
LINE FAULT MONITORED FOR SHORT CIRCUIT	YES (Can be disabled)
LINE FAULT MONITORED FOR DETECTOR REMOVAL	Yes, if End of Line Monitor Unit fitted in place of End of Line Resistor
END OF LINE RESISTOR (SUPPLIED) VALUE	6800 $\Omega$ , 5% TOLERANCE, 0.25W
DETECTOR CONTINUITY DIODES	Silicon 1N4001 or Schottky type (required if End of Line Monitor Unit fitted to give detector removal fault)
CALL POINT RESISTOR VALUE (NOT SUPPLIED)	470 to 680 $\Omega$ , 0.5W
MAXIMUM NUMBER OF SMOKE DETECTORS PER ZONE	20 (maximum detector current = 2mA)
MAXIMUM NUMBER OF MANUAL CALL POINTS PER ZONE	No limit
SOUNDER CIRCUIT SPECIFICATION	
NUMBER OF CIRCUITS	2
END OF LINE RESISTOR VALUE	6800 $\Omega$ , 5% tolerance, 0.25W
LINE FAULT MONITORED FOR OPEN CIRCUIT	YES
LINE FAULT MONITORED FOR SHORT CIRCUIT	YES
OUTPUTS FUSED AT	1.6Amp
MAXIMUM TOTAL OUTPUT CURRENT ALL OUTPUTS	4000mA
MAXIMUM NO OF BELLS @ 25 mA EACH BELL	120
MAXIMUM NO OF ELECTRONIC SOUNDERS @ 20 mA	150
AUXILIARY RELAY CONTACTS (DO NOT CONNECT MAINS VOLTAGES)	1A 32VDC max Voltage Free
FUSES - ALL FUSES COMPLIANT TO IEC (EN60127PT2)	
MAINS TERMINAL BLOCK	630mA T 20mm
SOUNDER OUTPUTS	1.6A F 20mm
AUXILIARY OUTPUT	1A F 20mm
BATTERY FUSE	3A F 20mm
DOOR RETAINING MAGNETS	DO NOT USE PANEL POWER SUPPLY AS YOU WILL DRASTICALLY REDUCE BATTERY STAND - BY TIME
CONNECTION BLOCK	
LARGEST ACCEPTABLE CONDUCTOR SIZE	2.5mm <sup>2</sup>
SMALLEST ACCEPTABLE CONDUCTOR SIZE	0.75mm <sup>2</sup>
DIMENSION	
ENCLOSURE (WIDTH X HEIGHT X DEPTH)	280 X 205 X 98 mm
WEIGHT - WITHOUT BATTERIES + (PAPER BOX)	3200g + (250g)

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